

STATE OF TENNESSEE

Office of the Attorney General



PAUL G. SUMMERS
ATTORNEY GENERAL AND REPORTER

ANDY D. BENNETT
CHIEF DEPUTY ATTORNEY GENERAL

LUCY HONEY HAYNES
ASSOCIATE CHIEF DEPUTY
ATTORNEY GENERAL

REC'D TN
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'99 JUL 30 PM 4 21
EXECUTIVE SECRETARY
MICHAEL E. MOORE
SOLICITOR GENERAL

CORDELL HULL BUILDING
NASHVILLE, TN 37243-0485

TELEPHONE (615) 741-3491
FACSIMILE (615) 741-2009

July 30, 1999

Mr. David Waddell
Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243-0505

Re: Proceeding for the Purpose of Addressing Competitive Effects of Contract Service
Arrangements Filed by BellSouth Telecommunications, Inc. in Tennessee.
Docket No. 98-00559

Dear Mr. Waddell:

I have enclosed an original and thirteen copies of Rebuttal Testimony of Consumer Advocate Division witness Stephen N. Brown, Economist in the above referenced matter. Copies are being furnished to counsel of record for interested parties.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Vincent Williams", followed by a long horizontal flourish.
D. Vincent Williams
Consumer Advocate

c: Counsel of record

Before the

TENNESSEE REGULATORY AUTHORITY

IN RE: PROCEEDING FOR THE PURPOSE OF ADDRESSING COMPETITIVE EFFECTS
OF CONTRACT SERVICE ARRANGEMENTS FILED BY BELL SOUTH
TELECOMMUNICATIONS, INC. IN TENNESSEE.
DOCKET NO. 98-00559

REBUTTAL TESTIMONY
of
STEPHEN N. BROWN

July 30, 1999

INTRODUCTION

Q. Please state your name.

A. Stephen N. Brown.

Q. Where do you work and what is your job title?

A. I am an economist in the Consumer Advocate Division, Office of the Attorney General.

Q. What are your responsibilities as Senior Economist?

A. I review utility filings and information relating to rates and rate changes and follow the economic conditions that affect the companies. I also assess and evaluate facts for the Consumer Advocate Division and other entities within the Office of the Attorney General.

Q. What experience do you have regarding utilities?

A. From 1986 to 1995 I was employed by the Iowa Utilities Board as Chief of the Bureau of Energy Efficiency, Auditing and Research, and Utility Specialist and State Liaison Officer to the U.S. Nuclear Regulatory Commission. From 1984 to 1986 I worked for Houston Lighting & Power as Supervisor of Rate Design. From 1982 to 1984 I worked for Arizona Electric Power Cooperative as a Rate Analyst. From 1979 to 1982 I worked for Tri-State Generation and Transmission Association as Power Requirements Supervisor and Rate Specialist. From 1979

1 through 1995 my work spanned many issues
2 including cost of service studies, rate design
3 issues, telecommunications issues and matters
4 related to the disposal of nuclear waste.
5

6 **Q. What is your educational background?**
7

8 A. I have an M.S. in Regulatory Economics from the
9 University of Wyoming, an M.A. and Ph.D. in
10 International Relations with a specialty in
11 International Economics from the University of
12 Denver, and a B.A. from Colorado State
13 University.
14

15 **Q. Are you and have you been a member of any**
16 **professional organizations, Dr. Brown?**
17

18 A. Yes, I am a past member of the NARUC Staff
19 Committee on Management Analysis, a past
20 trustee of and a member of the Board for the
21 Automatic Meter Reading Association, and a
22 current member of the National Association of
23 Business Economists.
24

25 **Q. What were you asked to do with respect to this**
26 **case?**
27

28 A. I was asked to review the direct testimony of
29 Mr. Frame from BellSouth and the specific
30 contract service arrangements (CSAs) that are
31 the subject of inquiry in this docket and to
32 form an opinion on the company's overall
33 position, expressed by Mr. Frame in his
34 testimony, that the CSAs are not anti-
35 competitive and not discriminatory.
36

37 **Q. In your opinion, is the company's position**
38 **correct, that its CSAs are not anti-competitive**

1 **and not discriminatory?**

2
3 A. No. In my opinion the CSAs KY98-4958-00 and
4 TN98-2766-00, and the others I saw are anti-
5 competitive and discriminatory because they are
6 meant solely to prevent a customer from
7 transferring its telecommunications business to
8 a competitor of the incumbent, even when such a
9 transfer would be the economically rational
10 thing to do. Thus, the CSAs are a barrier aimed
11 at preempting competitors' entry into local
12 telecommunications markets while imposing
13 unjustified price discrimination on customers.
14

15 **Q. Why does an incumbent in a local**
16 **telecommunications market raise a barrier to**
17 **entry?**

18
19 A. The incumbent raises a barrier to protect its
20 share of the market and yield as little of it
21 as possible to competitors. This economic
22 behavior on the part of market leading
23 companies has been noted for over a century by
24 economists, and the study of this behavior is a
25 standard part of economics known as Industrial
26 Organization.
27

28 **Q. What is Industrial Organization?**

29
30 A. It is the study of competitive processes and
31 the effects of monopoly distortions in actual
32 markets. The best article I refer to on this
33 entire subject appears in the September 1984
34 issue of the *American Economic Review*, one of
35 the oldest and one of the most prestigious
36 economic journals in the country. The article's
37 title is *Contestability vs. Competition* and its
38 author is George Shepard. According to the

1 author, "Real conditions are the ultimate guide
2 in sifting the many concepts that theorists can
3 invent."
4

5 **Q. What does the author say about an incumbent**
6 **company's efforts to retain market share?**
7

8 A. He said two things that are apt for this
9 docket. Regarding market share he said:

10
11 "Market share appears to be the
12 central element of market structure.
13 It is closely associated with excess
14 rates of return and it is the direct
15 measure of competitive impacts on the
16 firm. For leading firms, losses of
17 market share (to large, small or new
18 competitors) are the crucial threat."
19

20 Regarding the incumbent's offering of
21 contracts, or CSAs as they are called in this
22 docket, he said:

23
24 "[one economic theorist] has suggested
25 that entrants can offer long-term
26 contracts as a plausible way to obtain
27 total [market] entry before response
28 [from the incumbent] can occur...this
29 suggestion is too easy...the incumbent
30 could set standing offers to beat all
31 credible offers by entrants..."
32

33 **Q. Is the incumbent in this case setting standing**
34 **offers that beat the competitors offers?**
35

36 A. Yes, as indicated by the company's success thus
37 far in achieving its goal, spelled out in a
38 company E-mail of 04/07/97, which is appended

1 to this testimony as Exhibit CA-SNB Schedule -
2 1. The E-mail says the incumbent has targeted
3 its "top 500" customers for special contracts.
4

5 **Q. How many CSAs are currently on file with the**
6 **Tennessee Regulatory Authority?**
7

8 A. To my knowledge there are well in excess of 200
9 CSAs filed, thus we know that the incumbent has
10 captured well over 40 percent of its top 500
11 customers.
12

13 **Q. Do you know the status of the other 250 or so**
14 **customers?**
15

16 A. No. I do not know if more of them will sign
17 with the incumbent. I do not know if they have
18 signed contracts with competitors.
19

20 **Q. Is the incumbent still engaged in efforts to**
21 **bring the those other customers under a CSA?**
22

23 A. Yes, as far as I know the incumbent has not
24 ceased its efforts.
25

26 **Q. Do you know why the incumbent has limited its**
27 **efforts to the "top 500" customers?**
28

29 A. No. I found nothing in Mr. Frame's testimony
30 that explains the limited scope. Therefore, the
31 limitation is discriminatory because two
32 customers could be physically adjacent to each
33 other, receive the same service, but one could
34 receive a CSA and one could not, solely at the
35 company's discretion.
36

37 **Q. How much of BellSouth's business involves a**
38 **CSA?**

1
2 A. Mr. Frame's testimony at page 4 lines 4-14,
3 suggests the business level is a *de minimus*
4 issue, the CSA's representing over 10% of the
5 company's business revenue and less than 1
6 percent of the business customers.
7

8 But the company's growing use of CSAs suggests
9 that it is not a *de minimus* issue to the
10 company. Indicators of the importance are Mr.
11 Frame's silence on the company's profit margins
12 from those customers and his silence on how
13 their use of telecommunications services will
14 grow.
15

16 **Q. Does Mr. Frame explain how the company selects**
17 **candidates for CSAs?**
18

19 A. Yes he does, at page 4 lines 18-23 of his
20 testimony he describes certain criteria the
21 company uses. However, he does not explain how
22 the criteria just so happens to focus on the
23 company's "top 500" customers.
24

25 **Q. How does the incumbent impose unjustified price**
26 **discrimination on customers?**
27

28 A. The incumbent imposes unjustified price
29 discrimination on customers by pre-screening
30 them, before the CSA is offered, to find out if
31 the customer will acquiesce to the incumbent's
32 offer, and then by discriminating between the
33 different CSAs.
34

35 **Q. What evidence suggests that incumbent**
36 **prescreens customers before offering them a**
37 **CSA?**
38

1 A. Mr. Frame's testimony, at page 4 line 16 poses
2 a question: "What criteria does BellSouth use
3 to identify customers as candidates for a
4 [CSA]?" Mr. Frame's response indicates that
5 only those customers who have already signaled
6 their readiness to accept the incumbent's CSA
7 will actually be offered one.

8
9 Mr. Frame says "BellSouth follows three
10 criteria" the third one being:

11
12 "The customer is willing to sign a
13 [CSA] with BellSouth and commit to the
14 terms and conditions contained in the
15 [CSA]."

16
17 The word "negotiate" is conspicuously absent
18 from Mr. Frame's description. Therefore, item 3
19 contradicts Mr. Frame's assertions -- made at
20 page 9 line 11, page 13 line 19, page 14 line
21 21, page 18 line 21, page 20 line 7 and page 21
22 line 12 -- that a CSA is the culmination of
23 negotiations between equally strong bargainers.
24 Mr. Frame's third criteria indicates that once
25 the incumbent thinks its CSA offer will be
26 accepted by the customer, the incumbent adopts
27 a hardball "take-it-or-leave-it" stance towards
28 the customer.

29
30 **Q. Is there any other evidence indicating such a**
31 **position by the incumbent?**
32

33 A. Yes. A company E-mail of 10/02/97 is appended
34 to this testimony as Exhibit CA-SNB Schedule 2
35 and shows the incumbent refusing to move from
36 its original offer to the customer. The E-mail
37 says in part: "Your request to offer...one year
38 V&T Agreement with the option to renew at one
39 year increments with increasing discounts is

1 disapproved...When I **first provided** [emphasis
2 added] the V&T Agreement the term was 3 years,
3 [the customer] evidently desired a 1 year
4 agreement...They should not expect to receive
5 the savings of a 3 year agreement by signing a
6 1 year agreement and renewing it each year.”
7

8 **Q. Why can the incumbent successfully adopt a**
9 **rigid position in CSA "negotiations" with the**
10 **customer?**
11

12 A. The incumbent is successful because it has
13 economically structured its CSA as an economic
14 tool that is subordinate to the economic tools
15 in the tariff. The incumbent's CSA applies to
16 services already under tariff and already being
17 offered to the customer. The tariffs themselves
18 include large termination fees that apply even
19 if there were no CSA. To my knowledge the
20 tariffs were crafted before the federal
21 Telecommunications Act of 1996 became law and
22 before the state of Tennessee passed its
23 telecommunications legislation in 1995.
24

25 It is fair to say that both state and federal
26 law established a public interest goal of
27 promoting competition in local
28 telecommunications markets. However, the
29 incumbent's E-mail shown in Exhibit CA-SNB
30 Schedule 3, which I will quote later in my
31 testimony, suggest prevailing tariffs have not
32 been adjusted to reflect the public interest
33 goal.
34

35 **Q. Is it the incumbent's position that any service**
36 **offered under a CSA is a tariffed service?**
37

38 A. Yes. BellSouth's response to the Consumer

1 Advocate's discovery request of July 3, 1999
2 indicates the company considers that all
3 services are supplied through tariffs, and that
4 the CSA is strictly for a price discount. The
5 company was asked:
6

7 "For each CSA and each service
8 provided under the CSA admit or deny
9 that the service is available at
10 BellSouth's tariffs approved by the
11 TRA under which BellSouth provides
12 services to other ratepayers."
13

14 The company responded:
15

16 "Admit with the following
17 clarification. No services are
18 provided or provisioned under the CSA.
19 The services are provisioned under the
20 tariffs for these services. The CSA
21 provides discounts which apply to the
22 services in the aggregate."
23

24 **Q. Is it possible that a customer taking tariffed**
25 **services under a CSA faces termination charges**
26 **not only through the tariffs but through the**
27 **CSA as well?**
28

29 **A.** Yes and the incumbent is well aware of this
30 fact.
31

32 For example, a company E-mail of 01/13/97 is
33 appended to this testimony as Exhibit CA-SNB
34 Schedule 3 and shows a conversation about a
35 customer worried over being "double gigged" by
36 the incumbent if the customer cancels all
37 services from the incumbent:
38

1 "I have done some calculations on the
2 services that we currently have under
3 contract...based on the termination
4 penalties on these contracts, I share
5 concern that they would be 'double
6 gigged'... For example, if [the
7 customer] enters into a 36 month MSA
8 Agreement...but [if] they cancel ALL
9 services through BellSouth at the
10 conclusion of Year 1 their penalties
11 would be...\$938,000 contract
12 termination penalties (ESSX, SMARTPath,
13 PRI, ISDN, Synchronet)... \$775,000 MSA
14 cancellation penalty at the end of
15 Year 1... \$1,713,000 TOTAL TERMINATION
16 PENALTY ... they do not feel we should
17 have such hefty penalties."
18

19 The tariff penalty was \$938,000 in this case,
20 almost as large as the proposed penalty in the
21 Master Service Agreement.
22

23 **Q. In this particular case did the incumbent**
24 **submit new tariffs or did it do something else**
25 **to respond to the customer's worry about hefty**
26 **penalties?**
27

28 A. To my knowledge the incumbent did not submit a
29 new tariff. The proposed solution was to reduce
30 but not eliminate the penalty on the MSA
31 [master service agreement]. The E-Mail says:
32 "My contact tells me if we can get the MSA
33 penalties more like the following we can
34 continue negotiations...\$266,000 Year 1
35 \$134,000 Year 2."
36

37 **Q. Do you know if the incumbent actually took that**
38 **course?**

1
2 A. No.

3
4 **Q. Do you know if the incumbent made the same**
5 **offer to any other customer?**

6
7 A. No.

8
9
10 **Q. Is it possible that the incumbent could trade-**
11 **off termination amounts with discounts in a**
12 **given CSA or have the discounts and termination**
13 **fees vary across different CSAs?**

14
15 A. Yes. But if the CSAs have varying amounts of
16 termination penalties and discounts that are
17 not derived from a common source or formula,
18 then the CSAs are also discriminatory.

19
20 For example, the customer in the E-mail just
21 quoted complained about "double gigging" and
22 apparently got a price break in the CSA
23 termination fee from the incumbent. However,
24 the incumbent did not volunteer this
25 information. Pity the customer who does not
26 know enough to complain in the beginning.

27
28 Thus, Mr. Frame offers no proof, compelling or
29 otherwise, that the customer is on equal
30 footing with the incumbent when termination
31 fees or the discounts are "negotiated."

32
33 For example, a company E-mail of 06/04/97 and
34 shown as Exhibit CA-SNB Schedule 4 is a
35 discussion of how the incumbent increased the
36 termination charge by \$100,000 in anticipation
37 that the customer would want a reduction. The
38 E-mails says "[the customer] wants the first

1 year termination liability to be reduced
2 \$75K...This shouldn't be an issue since I added
3 an additional \$100K as a termination liability
4 in the first year of the Supplemental
5 agreement." Thus Mr. Frame's statement, at page
6 21 lines 11-12, that "These are large,
7 sophisticated business customers and
8 experienced negotiators" is unproven.
9

10 **Q. Are there other ways could the incumbent**
11 **successfully discriminate against customers?**
12

13 A. One way is to keep the CSAs confidential.
14

15 **Q. Isn't discrimination prevented by making the**
16 **terms and conditions of the CSAs part of the**
17 **public record, as Mr. Frame's says at page 23**
18 **lines 3-23 of his testimony?**
19

20 A. No, despite his comments the CSA process is a
21 1-way information flow because the customer is
22 still prevented from disclosing its particular
23 CSA to another customer or the competitor.
24 Unless all CSAs are the same, customers and
25 competitors have to play a guessing game about
26 which CSA applies to which customer. The
27 incumbent, no one else, has all the
28 information. This is not a level playing field
29 for the customer or the competitor.
30

31 This 1-way information flow cripples
32 competitive bidding for the customer's business
33 during the CSA's term and hinders the public
34 interest goal of developing competitive local
35 telecommunications markets.
36

37 Also, that my testimony is filed under a
38 protective order certainly indicates a

1 constraint on information flow.
2

3 **Q. Isn't it true that the interconnection**
4 **agreements between the incumbent and its**
5 **competitors, as well as the permanent prices**
6 **set for interconnection, give facilities-based**
7 **competitors the opportunity to enter local**
8 **telecommunications markets and compete?**
9

10
11 A. Yes, it is true that competitors have
12 agreements that enable them to compete on a
13 facilities basis in the residential and
14 business markets and the legal entitlement to
15 do so. But having the right to compete is quite
16 different from finding customers who have not
17 had a CSA deprive them of a level playing field
18 to make to make plain, straight forward
19 economic decisions.
20

21 **Q. How is the customer deprived of a level playing**
22 **field to make to make plain, straight forward**
23 **economic decisions about competitive offers?**
24

25 A. The customer is deprived of a level playing
26 field by the incumbent's stated policy of
27 applying two termination fees to any customer
28 who transfers its business to a competitor.
29 BellSouth intends to apply termination charges
30 that are in the tariffs and that are in the
31 CSAs. Contracts TN98-2766-00, paragraph IX
32 section C and KY98-4958-00, paragraph IX
33 section B, both say: "The application of
34 termination charges shall not affect the
35 application of termination charges pursuant to
36 the tariff or any other request."
37

38 The incumbent's policy is to "double gig" the

1 customer if it takes its business elsewhere.
2

3 **Q. Do you know what the company's reason is for**
4 **having termination fees in the CSA?**
5

6 A. Although I saw nothing specific in Mr. Frame's
7 testimony, Exhibit CA-SNB Schedule 5 is a
8 document from the incumbent showing that it
9 views termination charges as something "which
10 is a deterrent to breaking volume and term
11 contracts but is not punitive."
12

13 **Q. Has the incumbent offered any explanation about**
14 **its views on termination charges in the**
15 **tariffs?**
16

17 A. None that I know of.
18

19 **Q. In your opinion, is incumbent's "double gig"**
20 **policy a deterrent or a punishment of the**
21 **customer?**
22

23 A. It is a deterrent and a punishment because it
24 has no apparent basis in either cost or harm
25 done to the incumbent.
26

27 **Q. Is it possible the CSA itself and the**
28 **incumbent's policy of applying two termination**
29 **fees is a means of more strongly binding the**
30 **customer to the incumbent's tariffed services?**
31

32 A. Yes, not only is it possible it's actually
33 happening. The CSA's termination fee is a back-
34 door way of increasing the tariff's termination
35 fees because the most likely way a tariff
36 termination fee takes effect is when a customer
37 switches its business to a competitor.
38

1 **Q. Is the incumbent's "double gig" policy anti-**
2 **competitive?**

3
4 A. Yes, it is anti-competitive in effect and in
5 intent.
6

7 **Q. How is the policy anti-competitive in effect?**
8

9 A customer who stops doing business with the
10 incumbent is exposed to two termination charges
11 and will probably end up paying the incumbent
12 far more for services actually received than if
13 they had been taken on a month-to-month basis
14 under the tariff. The additional cost is
15 economic dead-weight borne by the customer or
16 its new provider of services.
17

18 Taken together, the two termination charges are
19 a powerful disincentive to any customer
20 considering a change in telecommunications
21 providers and a barrier to the development of
22 competition in local telecommunication markets.
23

24 **Q. What remedy do you propose to remove the**
25 **barrier?**

26
27 A. Both charges should be removed and replaced
28 with one limited to the unrecovered facility
29 cost for facilities that cannot be reused.
30

31 **Q. How is the "double gig" policy anti-competitive**
32 **in intent?**
33

34 A. The anti-competitive intent of the "double gig"
35 policy is crystal clear in paragraph X of CSAs
36 TN98-2766-00 and KY98-4958-00. The customer's
37 contractual liability for the termination is
38 contingent upon the customer's behavior towards

1 the incumbent's competitors rather than on the
2 customer meeting its CSA obligations.

3
4 For example, paragraph X says "In the event of
5 a business change as defined herein...with the
6 result that [the customer] is unable to meet
7 its Minimum Annual Revenue Base" then the
8 incumbent and the customer "shall cooperate in
9 efforts to develop a mutually agreeable
10 alternative that will reduce [the customer's]
11 liability." However, paragraph X says further:
12 "This provision shall not apply to a change
13 resulting from a decision by [the customer] to
14 transfer portions of its traffic or projected
15 growth to providers other than" the incumbent.
16

17 With this language the incumbent clearly
18 signals its intent to prevent customers from
19 switching their business to the incumbent's
20 competitors. In any other event the incumbent
21 is willing to accommodate customer.
22

23 Furthermore, paragraph X proves the point which
24 I made at the outset of my rebuttal testimony--
25 that a CSA aims at preempting competitors'
26 entry into local telecommunications markets
27 while imposing unjustified price discrimination
28 on customers.
29

30 **Q. Is it true that the incumbent's termination**
31 **policies are no different than those of its**
32 **competitors?**
33

34 **A. No, that is not true.**
35

36 **Q. Have you read the testimony of Bell South's**
37 **witness, Mr. Frame, regarding this CSA and how**
38 **its termination charge compares to competitor's**

1 **termination charges?**

2
3 A. Yes, I have.

4
5 **Q. Do you agree with him?**

6
7 A. No, I do not agree with him because he has
8 mischaracterized the comparison.

9
10 For example, at page 15 lines 7-10, Mr. Frame
11 says: "based on the limited information
12 available, BellSouth believes that the
13 termination provisions of the two CSAs at issue
14 are similar if not more lenient than comparable
15 provisions offered by BellSouth's competitors."

16
17 His comparison is misleading in three ways.

18
19 First, the "leniency" he refers to is available
20 to the customer provided it does not cozy up to
21 a competitor, otherwise no mercy is granted.
22 Thus what he calls leniency is an economic tool
23 to punish the customer if it takes it business
24 elsewhere.

25
26 Second, Mr. Frame's recitation of the
27 competitor's termination charges contains no
28 language where the competitor makes its
29 termination charge contingent on the customer's
30 behavior towards competitors. This sharply
31 contrasts with BellSouth's language, as I
32 explained earlier.

33
34 Third, Mr. Frame has not shown that competitors
35 have termination fees beyond what the tariff
36 states, unlike BellSouth's "double gig."

37
38 **Q. Can you provide an example of how the "double**

gig" policy would work?

- A. Yes. Even with the rate assurance clause in CSA TN98-2766-00 the "double gig" can not be overcome. The details of paragraph XIII, the rate assurance clause, show why.

Section A requires the competitor's offer be at least 15 percent below the incumbent's discount, which is already just 90 percent of the tariff. Even if the customer is offered a price break of 10-14 percent below the incumbent's CSA rates, the incumbent ignores the customer and has no obligation to provide a counter offer.

The incumbent can retain the customer if the counter offer is more expensive than the competitor's offer. For example, Section C say: "In the event [the incumbent] elects to respond to the offering from the alternative carrier and offers [the customer] a service proposal with rates that are within ten percent(10%) of the alternative carrier's competitive offering, this Agreement shall continue in effect at the new customized rate and charges until the expiration of the V&T Agreement."

In terms of the tariff, the competitor's rate has to be:

Competing offer = $.85 \times .90 = 76.5\%$ of tariff.

But the incumbent has right to counter offer up to 10 percent higher than the competitor:

Counter offer = $1.1 \times .765 = 84.2\%$ of tariff.

The customer's potential savings, before

1 termination fees are considered, equal the
2 difference between the competitor's offer and
3 the counter offer:
4

5 Savings = 84.2% - 76.5% = 7.7% of tariff.
6
7

8 **Q. If the customer is rational, why would it sign**
9 **a contract where competing offers must be 15**
10 **percent below the incumbent's price before the**
11 **customer gets any benefit?**
12

13 A. That condition results from a vast disparity in
14 the bargaining power of the customer versus
15 that of the incumbent, as I described earlier.
16

17 **Q. Is it reasonable to assume that the incumbent's**
18 **economic behavior is rational?**
19

20 A. Yes.
21

22 **Q. If the incumbent is rational, how does it does**
23 **it persuade itself that a counter offer 10**
24 **percent higher than the competitor's rate is**
25 **rational?**
26

27 A. The incumbent must believe it has an economic
28 "ace in the hole," one that influences the
29 customer.
30

31 **Q. Why would a rational customer agree to a**
32 **counter offer 10 percent higher than the**
33 **competitor's offer?**
34

35 A. The customer must realize that the incumbent
36 really has an economic "ace in the hole."
37

1 **Q. What is the economic "ace in the hole" which**
2 **influences the customer?**

3
4 A. The economic "ace in the hole" is the
5 termination provisions. Their cost is large
6 enough to offset the savings accruing to the
7 customer who switches its business to a
8 competitor before the CSA's end date.

9
10 The CSA's termination clause by itself wipes
11 out nearly all the economic savings accruing to
12 the customer who switches its business to a
13 competitor after the incumbent makes a counter
14 offer. Additional termination charges from the
15 tariff makes it prohibitive for customer to
16 switch providers.

17
18 Consider the CSA's Appendix II, which shows the
19 customer's minimum annual revenue base as \$5.75
20 million in contract year one. Since the tariff
21 rates are discounted by 10 percent and since
22 the customer's savings are shown as \$470,063,
23 then the revenue from the discount eligible
24 services must equal \$4.7 million.

25
26 This figure provides a starting point to
27 analyze the effect of the CSA's rate assurance
28 language.

29
30
31 Since the revenues eligible for discount are
32 equal to \$4.7 million, the customer's potential
33 savings are 7.7 percent of 4.7 million, or:

34
35 Savings=.077 * \$4.7 million= \$362,000
36
37

38 **Q. Are these potential savings on an annual basis?**

1
2 A. Yes, therefore the monthly figure would be
3 approximately \$30,000.
4

5 **Q. How many months are in the this CSA?**
6

7 A. There are 36 months.
8

9 **Q. Do the savings include termination fees?**
10

11 A. No.
12

13 **Q. How would the customer know if the termination**
14 **fees were less than the savings?**
15

16 A. The customer would have to pick a month in
17 which to terminate the contract and then
18 compare the cumulative savings to the
19 cumulative termination fees.
20

21 Exhibit CA-SNB Schedule 6 shows that it is
22 literally impossible for this customer to
23 transfer its business from the incumbent to a
24 competitor during the CSA's term.
25

26 This is a perfect example of Shepard's
27 observation, which I quoted at the beginning of
28 my testimony: "the incumbent could set standing
29 offers to beat all credible offers by
30 entrants."
31

32
33 CONCLUSION
34

35 The development of price-on-price competition
36 in Tennessee's local telecommunications market
37 is obstructed by the incumbent's "double gig"
38 policy, an anti-competitive practice if there

1 ever was one. Not only does the incumbent
2 "double gig" customers, it "gigs" each one
3 differently and in an arbitrary manner derived
4 from the so-called "negotiations" with the
5 customer, without a hint of cost justification.
6 However, my testimony is filled with examples,
7 drawn from the incumbent's responses to my
8 agency's data requests, where the incumbent
9 outmaneuvers and outbargains its customers.

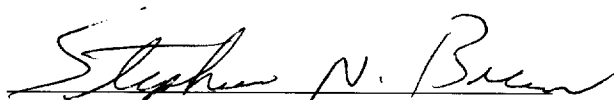
10
11 This concludes my testimony at this time.

BEFORE THE TENNESSEE REGULATORY AUTHORITY
AT NASHVILLE, TENNESSEE

IN RE: PROCEEDING FOR THE)
PURPOSE OF ADDRESSING)
COMPETITIVE EFFECTS OF CONTRACT) DOCKET NO. 98-00559
SERVICE ARRANGEMENTS FILED BY)
BELLSOUTH TELECOMMUNICATIONS,)
INC. IN TENNESSEE.)
)

AFFIDAVIT

I, Stephen N. Brown, Economist for the Consumer Advocate Division of the Attorney General's Office, hereby certify that the attached Rebuttal Testimony represents my opinion in the above referenced case and the opinion of the Consumer Advocate Division.



Sworn to and subscribed before me
this 30th day of July, 1999.


NOTARY PUBLIC

My commission expires on: Jan. 25, 2003


Before the

TENNESSEE REGULATORY AUTHORITY

IN RE: PROCEEDING FOR THE PURPOSE OF ADDRESSING COMPETITIVE EFFECTS
OF CONTRACT SERVICE ARRANGEMENTS FILED BY BELL SOUTH
TELECOMMUNICATIONS, INC. IN TENNESSEE.
DOCKET NO. 98-00559

EXHIBITS
of
STEPHEN N. BROWN

July 30, 1999

 Jon Alexander
04/07/97 03:13 PM

To: Terry Stevens@BCI
cc: Kenneth Lewis@BCI, Paul Alsup@BCI, Randall Frame@BCI, David Poindexter@BCI, Sandra Wall@BCI
Subject: Re: Master Services Agreement for [REDACTED] - Memphis, TN 

Thanks for your message. We'll have you an offer (V&T Agreement) that you can take to [REDACTED] that's as competitive as we can in order to retain and grow your business.

In the meantime, are there any CSA's? If so, for which services? Also, are these all the tiecodes? regards,

Jon

To: Jon Alexander
cc: Kenneth Lewis, Paul Alsup, Randall Frame, David Poindexter, Sandra Wall
From: Terry Stevens
Date: 04/07/97 02:37:03 PM
Subject: Master Services Agreement for [REDACTED] - Memphis, TN

The Director of Networking of [REDACTED] informed Systems Designer, David Poindexter and me last Wednesday that unless BellSouth has a response to all the LOW prices he is seeing from MCI, Time-Warner, etc., [REDACTED] is planning to take its business elsewhere.

I reminded him that [REDACTED] was on a list of our top 500 customers and last July I had approached him with the idea of a Master Services Agreement. At the time, I reminded him, I asked him to sign our nondisclosure form on our pricing. I reminded him that he refused to sign the form and thereby halted the process.

I told him I could not offer him the \$100,000.00+ savings MCI had offered on his four Memphis metropolitan hospitals but could give him smaller but broader in scope discounts that could come close to the same neighborhood that MCI was playing in.

He stated that he did not want to leave BellSouth but had to take seriously these discounts from our competitors. I told him we would try our hardest to make is very difficult for him to leave BellSouth.

Jon, I had in mind a 7% to 8% V&T discount I have heard of others getting. If we can get the 8%, I feel we have a real good chance in keeping their business. He signed the nondisclosure form and told us we had one month to come back with a V&T agreement.

I am sending the Nondisclosure form and their CPNI letter via fax, but wanted to send you this memo now.

It is very important that we meet their deadline. Please work with us to win this one.

The TIE codes involved are in Tennessee and Mississippi and involve some other hospitals, clinics, home health agencies, etc. that they have recently acquired.

The TIE codes are: SC000207738 [REDACTED]
SC000207480 [REDACTED]
SC939987966 [REDACTED]

Jon Alexander
10/02/97 02:29 PM

To: Roger D Smith@BCI
cc: John Buchanan@BCI, John Ross@BCI, Mike Smith@BCI
Subject: [REDACTED]

Your request to offer [REDACTED] a one year Volume & Term Agreement with the option to renew at one year increments with increasing discounts is disapproved.

I recently e-mailed you 3-year and a 1-year Volume & Term Agreements. Both had aggressive and competitive savings for [REDACTED]. Should [REDACTED] want greater savings, the 3-year offer is recommended. Should [REDACTED] want a lesser term, the 1-year is recommended.

When I first provided the Volume & Term Agreement, the term was 3 years. [REDACTED] evidently desired a 1 year agreement, perhaps due to their purchasing policy. They should not expect to receive savings of a 3 year agreement by signing a 1 year agreement and renewing it each year over a two year period.

Thanks,

Jon

000596

Timothy Norwood
01/13/97 10:43 AM

To: Jon Alexander
cc: Wanda Page, James Stringer
Subject: [REDACTED]

Jon:
Hope you are doing well so far in '97. I wanted to get back with you regarding our V&T (MSA) proposal to [REDACTED]. As you and I have discussed, we recast most of their BellSouth services back in the third quarter of '96 for 36 or 49 months (depending on the service). The big obstacle preventing [REDACTED] from signing the MSA today is the termination liability. They have stated that they intend to stay with BellSouth and have no intentions of canceling the contracts on the existing services (ESSX, SMARTPath, PRI ISDN, SynchroNet). There is a termination penalty associated with each BellSouth contract on these services. However, [REDACTED] feels that because of these termination penalties associated with each service, the termination penalty on the MSA should be lower.

I have done some calculations on the services that we currently have under contract at [REDACTED]. Based on the termination penalties on these contracts I share [REDACTED] concern that they would be "double gipped" in the highly unlikely event of an early termination on an MSA. For example, if [REDACTED] enters into a 36 month MSA agreement with an effective date of 2/01/97, but they cancel ALL service through BellSouth at the conclusion of Year 1 on 2/01/98, their termination penalties would be as follows:

\$938,000	Contract termination penalties (ESSX, SMARTPath, PRI ISDN, SynchroNet)
<u>\$775,000</u>	MSA cancellation penalty at end of Year 1
\$1,713,000	TOTAL TERMINATION PENALTY

[REDACTED] understands that the individual contracts and the MSA agreement are two different issues, but they do not feel that we should have such hefty penalties. My contact tells me that if we can get the MSA penalties more like the following, we can continue with negotiations:

\$266,000	Year 1
\$134,000	Year 2

Please review this, and let me know what we can do to move ahead. I know that you are concerned with the MSA piece, but we have to look at the whole picture. We are also interested in more information on the Rate Assurance clause. ||

I look forward to hearing from you. Thanks!!
Tim

U SE
000615

Timothy Norwood
01/13/97 10:43 AM

To: Jon Alexander
cc: Wanda Page, James Stringer
Subject: [REDACTED]

Jon:
Hope you are doing well so far in '97. I wanted to get back with you regarding our V&T (MSA) proposal to [REDACTED]. As you and I have discussed, we recast most of their BellSouth services back in the third quarter of '96 for 36 or 49 months (depending on the service). The big obstacle preventing [REDACTED] from signing the MSA today is the termination liability. They have stated that they intend to stay with BellSouth and have no intentions of canceling the contracts on the existing services (ESSX, SMARTPath, PRI ISDN, SynchroNet). There is a termination penalty associated with each BellSouth contract on these services. However, [REDACTED] feels that because of these termination penalties associated with each service, the termination penalty on the MSA should be lower.

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
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Please review this, and let me know what we can do to move ahead. I know that you are concerned with the MSA piece, but we have to look at the whole picture. We are also interested in more information on the Rate Assurance clause. ||

I look forward to hearing from you. Thanks!!
Tim

U SE
000615

 Wanda Page
06/04/97 11:05 AM

To: Kenneth Lewis
cc: Timothy Norwood
Subject: [REDACTED] MSA

Well, we've worked long enough on this one!!! After my meeting with Bill Hurst yesterday, he met with Bob Young and [REDACTED] is ready to sign the MSA. There is just one minor issue that I have to discuss with Jon Alexander. [REDACTED] wants the first year termination liability to be reduced \$75K (\$325,000 to \$250,000). This shouldn't be an issue since I added an additional \$100K as a termination liability in the first year of the Supplemental agreement!. I am waiting to clear this change with Jon and plan to take the contracts down this afternoon for Bill's signature.

Bottom Line Statistics:

2 year with 3 year supplement
\$1.9 annual revenue commitment
\$9.5 over the 5 year contract


[REDACTED]

000745

system is discontinued, termination charges apply in an amount based upon 40% of the initial and any subsequent minimum monthly charge amount(s) for the remainder of the initial and any subsequent service period(s)."

How are termination charges determined?

Termination Charges have become the standard for the industry and can be found throughout both Company and competing tariffs. These charges in a tariff environment are generally determined by a Product Team. Tariffs, both interstate and intrastate tariffs, are scrutinized by state regulatory commissions and open to comment and challenge before being approved or allowed to become effective.

Rationale for creating termination charges vary greatly.

- In some instances the charge is directed towards the recovery of non recurring installation, labor and/or some non recoverable portion of capital costs. This generally occurs when these costs are converted to a recurring cost and recovered in the monthly recurring contract rate charged for specific rate element or element(s) of the service. Example: The termination liability for CDS recovers the installation charge for early termination which was waived when the CSA contract was signed.
- In other cases the termination charge is established at a "market" level. That is, comparable to what is charged for a competing service or what is perceived as acceptable in the marketplace.
- Some termination charges are also based upon economic considerations such as revenue requirements or internally established product performance levels.
- The termination charges for Volume and Term contracts vary and like the discount level were established as a result of mutually agreed upon negotiations between the Company and the customer. Implementation and Tracking costs are covered by the contribution of the billed recurring revenue for existing services.

Are these charges reasonable within a V&T context?

- 001182
- ⊗ Yes. V&T Termination Charges are negotiated on a customer specific basis. The objective is to develop a termination liability charge which is a deterrent to breaking volume and term contracts but is not punitive. Volume and Term agreements were developed to create a win - win situation for the Company and the customer. This is the basis for making the termination liability amount and calculation methodology a negotiable item with the customer.

The specific application therefore varies greatly according to what the Company expects or representation for the

Certificate of Service

I hereby certify that a true and correct copy of the foregoing Rebuttal Testimony of Stephen N. Brown was served on parties of record via U.S. Mail, postage prepaid, this 30th day of July, 1999.

Guy M. Hicks
BellSouth Telecommunications, Inc.
333 Commerce St., Suite 2101
Nashville, TN 37201-3300

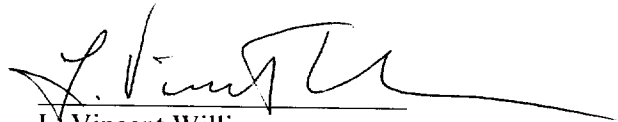
Henry Walker
Boult, Cummings, Conners & Berry
P.O. Box 198062
Nashville, TN 37219-8062

Carolyn Tatum Roddy
Sprint
3100 Cumberland Circle, N0802
Atlanta, GA 30339

James Lamoureux
AT&T
1200 Peachtree St., NE
Atlanta, GA 30309

Charles Welch
Farris, Matthews, et al.
511 Union St.
Nashville, TN 37219

John Hastings
Boult, Cummings, Conners & Berry
P.O. Box 198062
Nashville, TN 37219-8062



L. Vincent Williams

**How the CSA Termination Clause
Eliminates Savings From
The Rate Assurance Clause**

Docket No. 98-00559
Schedule CA-SNB____
Rebuttal Testimony____
Schedule 6_____
Page 1 of 1_____

Month in Contract Year	Contract Month	Termination Cost under Section A, Paragraph IX, Termination Liability	Termination Cost under Section B, Paragraph IX, Termination Liability	Termination Cost Pursuant to Tariff - Must be Calculated on a Tariff-by- Tariff Basis	CSA Termination Cost (Excludes Tariff termination Costs)	Potential Cumulative Savings From The Contract Month in Col. (2) Forward	Customer's Net Gain By Terminating CSA (Excludes Tariff termination Costs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	1	0	0	0	0	0	0
2	2	0	0	0	0	0	0
3	3	0	0	0	0	0	0
4	4	0	0	0	0	0	0
5	5	0	0	0	0	0	0
6	6	350,000	2,350,000	unknown	2,700,000	900,000	-1,800,000
7	7	350,000	1,958,333	unknown	2,308,333	870,000	-1,438,333
8	8	350,000	1,566,667	unknown	1,916,667	840,000	-1,076,667
9	9	350,000	1,175,000	unknown	1,525,000	810,000	-715,000
10	10	350,000	783,333	unknown	1,133,333	780,000	-353,333
11	11	350,000	391,667	unknown	741,667	750,000	8,333
12	12	350,000	0	unknown	350,000	720,000	370,000
1	13	350,000	4,308,333	unknown	4,658,333	690,000	-3,968,333
2	14	350,000	3,916,667	unknown	4,266,667	660,000	-3,606,667
3	15	350,000	3,525,000	unknown	3,875,000	630,000	-3,245,000
4	16	350,000	3,133,333	unknown	3,483,333	600,000	-2,883,333
5	17	350,000	2,741,667	unknown	3,091,667	570,000	-2,521,667
6	18	350,000	2,350,000	unknown	2,700,000	540,000	-2,160,000
7	19	350,000	1,958,333	unknown	2,308,333	510,000	-1,798,333
8	20	350,000	1,566,667	unknown	1,916,667	480,000	-1,436,667
9	21	350,000	1,175,000	unknown	1,525,000	450,000	-1,075,000
10	22	350,000	783,333	unknown	1,133,333	420,000	-713,333
11	23	350,000	391,667	unknown	741,667	390,000	-351,667
12	24	350,000	0	unknown	350,000	360,000	10,000
1	25	0	4,308,333	unknown	4,308,333	330,000	-3,978,333
2	26	0	3,916,667	unknown	3,916,667	300,000	-3,616,667
3	27	0	3,525,000	unknown	3,525,000	270,000	-3,255,000
4	28	0	3,133,333	unknown	3,133,333	240,000	-2,893,333
5	29	0	2,741,667	unknown	2,741,667	210,000	-2,531,667
6	30	0	2,350,000	unknown	2,350,000	180,000	-2,170,000
7	31	0	1,958,333	unknown	1,958,333	150,000	-1,808,333
8	32	0	1,566,667	unknown	1,566,667	120,000	-1,446,667
9	33	0	1,175,000	unknown	1,175,000	90,000	-1,085,000
10	34	0	783,333	unknown	783,333	60,000	-723,333
11	35	0	391,667	unknown	391,667	30,000	-361,667
12	36	0	0	unknown	0	0	0